

What is claimed is:

1. A method for maintaining a data structure corresponding to an object having a first link from a first directory and a second link from a second directory in a filesystem, the method comprising the steps of:

storing a first anchor point that references the first directory, said first directory being of a first filesystem implementation; and

storing a second anchor point that references the second directory; said second directory being of a second filesystem implementation different than the first.

2. The method of claim 1, wherein the object is a file.

3. The method of claim 1, wherein the object is a directory.

4. The method of claim 3, wherein the directory is of the first filesystem implementation.

5. The method of claim 4, wherein the first link from the first directory to the object is a directory link; and the second link from the second directory to the object is a file link.

6. The method of claim 1, further comprising the steps of:

receiving a request for information about the first link; and

in response to the request, using the first anchor point when retrieving the information.

7. The method of claim 1, further comprising the steps of:

receiving a request for information about the object;

selecting the first anchor point instead of the second anchor point to respond to the request.

8. A method for creating an object within a filesystem linked from a first directory having a first filesystem implementation and from a second directory having a second filesystem implementation, wherein the first filesystem implementation differs from the second filesystem implementation, the method comprising the steps of:

building a data structure associated with the object, the data structure including a first reference to the first directory and a second reference to the second directory.

9. The method of claim 8, wherein the data structure is configured to be utilized by an operating system running over the filesystem in order to access the object.

10. The method of claim 8, further comprising the steps of:

generating a first link from the first directory to the object; and  
generating a second link from the second directory to the object.

11. The method of claim 8, wherein the object is a directory having the first filesystem implementation.

12. The method of claim 11, wherein the first directory comprises a root directory having the first filesystem implementation.

13. The method of claim 11, wherein:

the first link is a directory link; and

the second link is a file link.

14. The method of claim 13, wherein:

the first link is hidden from an operating system running over the filesystem; and

the second link is visible from the operating system.

15. The method of claim 13, wherein the first link associates the first directory as a parent directory of the object.

16. A data structure maintained by an operating system and corresponding to an object having a first link from a first directory and a second link from a second directory in a filesystem, the data structure comprising:

a plurality of attributes related to the object;

a first anchor point that references the first directory, said first directory being of a first filesystem implementation; and

a second anchor point that references the second directory; said second directory being of a second filesystem implementation different than the first.

17. The data structure of claim 16, wherein the object is a file.

18. The data structure of claim 16, wherein the object is a directory.

19. The data structure of claim 18, wherein the directory is of the first filesystem implementation.

20. The data structure of claim 19, wherein the first link from the first directory to the object is a directory link; and the second link from the second directory to the object is a file link.

21. A program product, comprising:

a program code configured upon execution to:

maintain a data structure corresponding to an object having a first link

from a first directory and a second link from a second directory in a filesystem;

store a first anchor point in the data structure that references the first directory, said first directory being of a first filesystem implementation;

store a second anchor point in the data structure that references the second directory; said second directory being of a second filesystem implementation different than the first; and

a signal bearing medium bearing the program code.

22. An apparatus comprising:

at least one processor;

a memory coupled with the at least one processor; and

a program code residing in memory and executed by the at least one processor,

the program code configured to:

maintain a data structure corresponding to an object having a first link

from a first directory and a second link from a second directory in a filesystem;

store a first anchor point in the data structure that references the first

directory, said first directory being of a first filesystem implementation;

store a second anchor point in the data structure that references the second

directory; said second directory being of a second filesystem implementation different

than the first.

23. The apparatus of claim 22, wherein the object is a file.

24. The apparatus of claim 22, wherein the object is a directory.

25. The apparatus of claim 24, wherein the directory is of the first filesystem implementation.

26. The apparatus of claim 25, wherein the first link from the first directory to the object is a directory link; and the second link from the second directory to the object is a file link.

27. The apparatus of claim 22, wherein the program code is further configured to:  
select the first anchor point instead of the second anchor point to respond to a request for information about the object.